

Level 1 Validation Certificate



This document verifies that the Level 1 Validation process was completed. The session details and audit review outcomes are included here.

This certificate is required for submission – alongside the Level 1 validated water audit software file – to the California Department of Water Resources.

Call Date: 8/15/2018

Water Supplier

Supplier Name: City of
Westminster

Supplier Participants:

Ana Gonzalez, Administrative
Analyst

Scott Miller, Water
Superintendent

Paul Kalix, Supervisor of
Production

Roberto Anaya, Foreman
Production

Billy Tran, Foreman Operations

Validator

Validator:

Reinhard Sturm,
Water Systems Optimization

Validator Qualifications:

Water Audit Validator Certificate from
the AWWA California Nevada Section

Key Audit Metrics

Data Validity Score:	76	
ILI:	1.08	
Real Loss:	14.96	gal / conn / day
Apparent Loss:	6.89	gal / conn / day
Non-Revenue Water as Percent of Cost of Operating System:	2.5%	

Certification Statement by Validator

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

If not, rejected recommendations are included here.

Level 1 Validation – Water Supplier Confirmation

This document confirms participation in and endorsement of the Level 1 Validation as completed.

This acknowledgement is required for submission – alongside your Level 1 validated water audit software file – to the California Department of Water Resources.

Water Supplier Name: City of Westminster

Water Supplier Public Water System ID: 3010064

Water Audit Period: Calendar Year 2018

Water Audit & Water Loss Improvement Steps

Steps taken in the audit period timeframe to increase data source accuracy, reduce real losses, and/or reduce apparent losses, as informed by the water audit.

Upgrade SCADA system and replace with new operating software

Certification Statement by Water Supplier Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (print): Paul Kalix

Executive Position: Water Supervisor

Signature: Paul Kalix

Date: 8/23/2019